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PTO/SB/08B (04-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Page 1 of 1

Complete If Known

Application Number	09/998,600
Filing Date	November 16, 2001
First Named Inventor	Unger, Marc A., et. al.
Art Unit	3754
Examiner Name	
Attorney Docket Number	020174-003310US

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A	US-5,178,180	01-12-1993	Mettner	
	B	US-5,846,398	12-08-1998	Zanzucchi et al.	
	AC	US-5,872,010	02-16-1999	Karger et al.	
	AD	US-5,879,632	03-09-1999	Demers	
	AE	US-6,033,544	03-07-2000	Demers et al.	
	AF	US-6,033,548	03-07-2000	Ramsey	
	AG	US-6,117,398	09-12-2000	Demers	
	AH	US-			

FOREIGN PATENT DOCUMENTS

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **1** of **7****Complete if Known**

Application Number	09/998,600
Filing Date	November 16, 2001
First Named Inventor	Unger, Marc A.
Art Unit	1743
Examiner Name	Gordon, Brian R.
Attorney Docket Number	020174-003310US

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		Number Kind Code ² (if known)			
	A1	US-3,570,515	03-18-1971	Kinner	
	A2	US-3,747,628	07-24-1973	Holster et al.	
	A3	US-4,046,159	09-08-1977	Pegourle	
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	A10	US-5,088,515	02-18-1992	Kamen	
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	A19	US-5,336,062	08-09-1994	Richter	
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	A33	US-5,759,014	06-02-1998	Ven Lintel	
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	A41	US-6,007,609	12-28-1999	Hartley	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/998,600
		Filing Date	November 16, 2001
		First Named Inventor	Unger, Marc A.
		Art Unit	1743
		Examiner Name	Gordon, Brian R.
Sheet 2	of 7	Attorney Docket Number	020174-003310US

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	A42	US-6,043,080	03-28-2000	Lipshutz et al.	
	A43	US-6,068,751	05-30-2000	Neukermens	
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	A45	US-6,090,251	07-18-2000	Sundberg et al.	
	A46	US-6,123,769	09-26-2000	Sanjoh	
	A47	US-6,155,282	12-05-2000	Zachary et al.	
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	B1	EPO	EP 0 592 094	A2	04-13-1994			
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	B9	GB	2 308 460	A	06-25-1997			<input type="checkbox"/>
	B10	PCT	WO 98/07069	A1	02-19-1998			<input type="checkbox"/>
	B11	PCT	WO 99/17093	A1	04-08-1999			<input type="checkbox"/>
	B12	PCT	WO 00/60345	A1	10-12-2000			<input type="checkbox"/>
	B13	PCT	WO 02/060582	A2	08-08-2002			<input type="checkbox"/>

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	C1	AHN et al., "Fluid Micropumps Based on Rotary Magnetic Actuators," Proceedings of 1995 IEEE Micro Electro Mechanical Systems Workshop (MEMS '95), held in Amsterdam, Netherlands on 1/29-2/2/1995, pgs. 408-412.	
	C2	BENARD et al., "A Titanium-Nickel Shape-Memory Alloy Actuated Micropump," Proceedings of Transducers '97, 1997 International Conference on Solid-State Sensors and Actuators, held in Chicago, IL, 6/16-19/1997, 1:361-364 (1997).	
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	C4	BRYZEK et al., "Micromachines on the March", IEEE Spectrum, 1994, pp. 20-31, Vol. 31, No. 5	
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	C8	DELAMARCHE et al., "Patterned delivery of immunoglobulins to surfaces using microfluidic networks", Science, 1997, pp. 779-781, Vol. 276	
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	C14	FAHRENBURG et al. "A microvalve system fabricated by thermoplastic molding", J Micromech Microeng, 1995, pp.169-171, Vol. 5	
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	C16	GASS et al., "Integrated flow-regulated silicon micropump," Sensors and Actuators A Physical, 1994, p. 335-338, Vol. 43.	
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	C49	SOHN et al., "Capacitance cytometry: Measuring biological cells one by one," PNAS, 97(20):10687-10690 (2000).	
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	C54	VAN DE POL, F.C.M. et al. "A Thermo-Pneumatic Actuation Principle for a Microminiature Pump and Other Micromechanical Devices" Sensors and Actuators, 3 May 1989, pp. 139-143, Vol. 17, Nos. 1-2.	
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	C58	XIA et al., "Soft Lithography," Angew. Chem. Int. Ed., 1998, 37:551-575.	
	C59	XIA, Y. et al., "Micromolding of Polymers in Capillaries: Applications in Microfabrication," Chemistry of Materials, 8(7):1558-1567 (1996).	
	C60	YANG et al. "A MemS Thermopneumatic Silicone Membrane Valve", Proceedings of IEEE, 10th Annual International Workshop on MicroElectro Mechanical Systems, Sensors and Actuators, 1998, A64(1):101-108.	
	C61	YANG et al., "A MEMS Thermopneumatic silicone Membrane Valve," Proceedings of the IEEE 10th Annual Workshop of Micro Electro Mechanical Systems Workshop (MEMS '97), held 1/26-30/1997 in Nagoya, Japan, pages 114-118.	
	C62	YAZDI et al. "Micromachined Inertial Sensors," Proceedings of IEEE, 1998, 86(8):1640-1659.	
	C63	YOUNG et al. "Contoured elastic-membrane microvalves for microfluidic network integration," J. Biomechanical Engineering, 1999, 121:2-6.	
	C64	Zengerle et al., "A Micro Membrane Pump with Electrostatic Actuation," 1992 IEEE Conf. on Micro Electro Mechanical Systems, held 2/4-7/92 in Travemunde Germany, pgs. 19-24.	
C65	Zengerle et al., "Performance Simulation of Microminiaturized Membrane Pumps," from 7th International Conference on Solid-State Sensors and Actuators held 6/7-10/93 in Yokohama Japan, pages 106-109.		

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